



3600

JCO2 Rec'd PCT/PTO 13 MAY 2002

5310  
PCT

Docket No.: NEB-166-PUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Jack, et al..

EXAMINER:

SERIAL NO. 10/089,027

GROUP:

FILED: March 26, 2002

FOR: Incorporation of Modified Nucleotides By Archaeon  
DNA Polymerases And Related Methods

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. §1.56, §1.97 and §1.98, Applicants wish to bring the following references, AA-AU, BA-BZ and CA-CF on the attached PTO-1449 Form to the attention of the Examiner.

**REMARKS**

No representation is made that more pertinent, although presently unknown art does not exist. It is anticipated that the Examiner will conduct a thorough search of the prior art, and will carefully consider each of the said documents cited herein.

Inventors: Jacks, et al.  
U.S.S.N : 10/089,027  
Filed: March 26, 2002  
Page 2

It is respectfully requested that each of the documents shown on the PTO-1449 Form be made of record in this Application.

Early examination and allowance of the present Application is respectfully requested.

Respectfully submitted,  
NEW ENGLAND BIOLABS, INC.

Date: May 9, 2002

Harriet Strimpel  
Harriet M. Strimpel  
(Reg. No. 37008)  
32 Tozer Road  
Beverly, MA 01915  
(978) 927-5054; Ext: 373

**CERTIFICATE OF MAILING**

I hereby certify that this INFORMATION DISCLOSURE STATEMENT, PTO-1449 FORM and REFERENCES AA-AU, BA-BZ and CA-CF are being deposited with the United States Postal Service as first class mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231 on this 9th day of may, 2002.

Melissa A. Jackson  
Melissa A. Jackson

SERIAL NO.

10/089,027

Jack, et al.

GROUP NO.


26-Mar-02

[illegible]

FORM PTO-1449		ATTORNEY NO. NEB-166-PUS	SERIAL NO. 10/089,027
INFORMATION DISCLOSURE STATEMENT		APPLICANTS WE Jack	
		FILING DATE 3/26/02	GROUP NO.

	BA	Kent et al., J. Biol. Chem. 268:1965-1975 (1993)
	BB	New England Biolabs, Inc. Catalog, 1998/1999, page 73
	BC	Gardner and Jack, Nucleic Acids Res. 27:2545-2553 (1999)
	BD	The NEB Transcript, September 1992, pages 12-13
	BE	Brandis, Nucleic Acids Res. 27:1912-1918 (1999)
	BF	Lee, et al., Nucleic Acids Res. 20:2471-2483 (1992)
	BG	Elion, J. Antimicrob. Chemother. 12 Suppl. B:9-17 (1983)
	BH	Parker, Biotechniques 19:116-121 (1995)
	BI	Altschul, et al. Nucl. Acids Res. 25:3389-3402 (1997)
	BJ	Tatusova, et al. FEMS Microbiol Lett. 174:247-250 (1999)
	BK	Bernad, et al., Cell 59:219-228 (1989)
	BL	Derbyshire, et al., Science 240:199-201 (1988)
	BM	Kornberg, DNA Replication, W.H. Freeman and Company, San Francisco Section 4-10, pages 127-130 (1980)
	BN	Ellison, et al. Biotechniques 17:742-753 (1994)
	BO	Delarue, et al., Protein Eng. 3:461-467 (1990)

FORM PTO-1449		ATTORNEY NO. NEB-166-PUS	SERIAL NO. 10/089,027
INFORMATION DISCLOSURE STATEMENT		APPLICANTS WE Jack	
		FILING DATE 3/26/02	GROUP NO.
	BP	Cohen et al., Biotechniques 26:870-873 (1999)	
	BQ	Hsley and Buzby, FASEB J. 13:A1441 (1999)	
	BR	Ito and Braithwaite, Nucleic Acids Res. 19:4045-4057 (1991)	
	BS	Perler, et al., Proc. Natl. Acad. Sci. 89:5566-5581 (1992)	
	BT	Reid, et al., J. Biol. Chem 263:3898-3904 (1988)	
	BU	Ross, Nature Biotechnology 16:1347-1351 (1998)	
	BV	Saiki, et al., Science 230:1350-1354 (1985)	
	BW	Sanger, Proc. Natl. Acad. Sci. USA 74:5463-5467 (1977)	
	BX	Southworth, Proc. Natl. Acad. Sci. USA 93:5281-5285 (1996)	
	BY	Tabor and Richardson, Proc. Natl. Acad. Sci. USA 92:6339-6343 (1995)	
	BZ	Walker, Proc. Natl. Acad. Sci. USA 89:392-396 (1992)	
	CA	Chen, Genome Research 9:492-498 (1999)	
	CB	Chen and Kwok, Nucleic Acids Res. 15:347-353 (1997)	
	CC	Prober, Science 238:336-341 (1987)	
	CD	Sarker, Genomics, 13:441-443 (1992)	
	CE	Heringa and Argos, "The Evolutionary Biology of Viruses" Morse, S.S., ed. pg. 87-103, Raven Press, New York (1994)	

FORM PTO-1449

ATTORNEY NO.

SERIAL NO.

NEB-166-PUS

10/089,027

INFORMATION DISCLOSURE STATEMENT

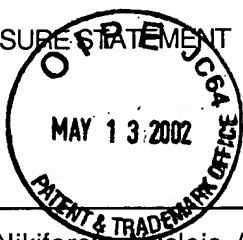
APPLICANTS

WE Jack

FILING DATE

GROUP NO.

3/26/02



CF

Nikiforov, Nucleic Acids Res. 22:4167-4175 (1994)